



# Site Register

A Publication of the Washington State Department of Ecology

July 7, 2004

Department of Ecology, P.O. Box 47600, Olympia WA 98504-7600

TCP Issue 2004-14

*This periodic publication alerts the public to the availability of reports, public comment periods, and other activities related to the study and cleanup of hazardous-waste sites under Chapter 70.105D RCW, the Model Toxics Control Act, and in accordance with WAC 173-340-600.*

*Direct questions regarding Site Register circulation to Linda Thompson at 360-407-6069 or [ltho461@ecy.wa.gov](mailto:ltho461@ecy.wa.gov).*

***For information on specific hazardous-waste sites, call the Department of Ecology office closest to you:***

*Ecology's Yakima office  
(Central Region):  
(509) 575-2490*

*Ecology's Spokane office  
(Eastern Region):  
(509) 329-3400*

*Ecology's Bellevue office  
(Northwest Region):  
(425) 649-7000*

*Ecology's Lacey office  
(Southwest Region):  
(360) 407-6300*

*If you require this publication in an alternate format, please contact the Toxics Cleanup Program, 360-407-7170, or TTY (for the speech or hearing impaired) 711 or 800-833-6388.*

*Publication #04-09-041 O*

## **☐ Noveon Kalama Facility - Draft Cleanup Action Plan, Compliance Monitoring Plan and State Environmental Policy Act (SEPA) Determination of Non-Significance (DNS) Available for Public Review & Comment – 1296 Third Street NW, Kalama, Washington**

Ecology is proposing a *Cleanup Action Plan* and Compliance Monitoring Plan for the Noveon Kalama facility located adjacent to the Columbia River northwest of Kalama, Washington. The southern 35 acres of the facility property have been used as a chemical manufacturing plant since 1962 resulting in past releases of organic chemicals, including benzene and toluene, to the underlying soils and groundwater. A 120-acre wetland on property owned by the facility is located north of the chemical plant.

The final cleanup of the facility proposed in the Cleanup Action Plan includes the following:

- Continuing to use existing shallow trenches and recovery wells to capture contaminated groundwater before it reaches the Columbia River and wetland followed by treatment of the captured groundwater in the facility's wastewater treatment plant.
- Adding soil vapor extraction to clean up the most highly contaminated soils.
- Adding *in-situ* ("in place") treatment of contaminated groundwater using Waterloo Emitter wells (wells emitting oxygen) in the Central Area of the chemical plant to accelerate the groundwater cleanup time.
- Installing additional recovery wells in the West Impact Area to increase the capture of contaminated groundwater before it reaches the Columbia River.

**Ecology has determined the cleanup outlined in the Cleanup Action Plan and compliance monitoring outlined in the Compliance Monitoring Plan will not have an adverse impact on the environment and has issued a SEPA DNS.**

The Cleanup Action Plan, Compliance Monitoring Plan, SEPA Environmental Checklist, DNS, and fact sheet are available for review at the following locations:

- WA Department of Ecology, 300 Desmond Drive, Lacey, WA  
Phone: (360) 407-6365 or (360) 407-6366  
(Call for an appointment)
- Kalama Library, 312 North First, Kalama, WA Phone: 360 – 673-4568

The public comment on the draft Cleanup Action Plan, Compliance Monitoring Plan, and SEPA DNS will end on August 13. For more information or to submit written comments, please contact Leon Wilhelm at (407) 6362 or email at [leow461@ecy.wa.gov](mailto:leow461@ecy.wa.gov).

☛ **Public comment period: 7/15/04 - 8/13/04**

## **☐ Negotiations for Draft Cleanup Action Plan and Consent Decree to Implement Cleanup at Moses Lake City Maintenance Facility, 835 East Penn Street, Moses Lake, WA 98837 Grant County**

Ecology and the City of Moses Lake are negotiating a Draft Cleanup Action Plan and Consent Decree. These documents provide details about cleanup of petroleum contamination in soil and groundwater at the Moses Lake City Maintenance Facility. Negotiations began June 14, 2004 and may continue for 90 days.

The property covers four acres and was historically used for storage, maintenance, and fueling of city vehicles from the 1950s through the present. Petroleum from leaking underground storage tanks contaminated soil and groundwater during the past years of operation.

For more information, please contact Ms. Sandra Treccani at the Ecology address above, (509) 329-3412; 1-800-826-7716, or e-mail at [satr461@ecy.wa.gov](mailto:satr461@ecy.wa.gov). *Para asistencia en Español: Antonio Valero (509) 454-7840, e-mail: [aval461@ecy.wa.gov](mailto:aval461@ecy.wa.gov).*

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## **☐ Camp Bonneville Enforcement Order Amended -- Public Notice** The Washington State Department of Ecology has amended the Camp Bonneville Enforcement Order, issued February 2003.

The Army has requested an amendment to the enforcement order. The amendment affects work at Remedial Action Unit 3 (RAU 3) at the site, which is an area of the site where munitions were used. Potential site contamination at RAU 3 includes unexploded ordinance (UXO). This amendment includes the following list of provisions:

- The amendment extends the time schedule to complete the Remedial Investigation/Feasibility Study (RI/FS) for RAU 3 by approximately ten months. The purpose of the RI/FS is to collect and develop sufficient site information to enable the selection of a cleanup action.
- The amendment would divide the geographic area of RAU 3 into two distinct sections for investigation and cleanup.

For a copy of the Amended Enforcement Order for Camp Bonneville:

**Contact:** Ben Forson, Washington Department of Ecology (360) 407-7227 or <mailto:bfor461@ecy.wa.gov>

**Download** from the Ecology Website at:

[http://www.ecy.wa.gov/programs/tcp/sites/camp\\_bonneville/camp\\_bonneville\\_hp.htm](http://www.ecy.wa.gov/programs/tcp/sites/camp_bonneville/camp_bonneville_hp.htm)

**Visit:**

- Vancouver Mall Public Library 8700 NE Vancouver Mall Drive, Suite 285, Vancouver, WA
- Department of Ecology, 300 Desmond Drive Lacey, WA (By appointment 360/407-7170)

**Send written comments by July 30, 2004 to:**

Ben Forson, Project Manager  
Washington Department of Ecology  
P.O. Box 47600  
Olympia, WA 98504-7600

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## **☐ Everett Smelter Site - Revised Draft Prospective Purchaser Consent Decree Available for Public Review & Comment – SR 529 & East Marine View Drive, Everett, 98201, Snohomish County**

Ecology and the prospective purchaser of portions of the Everett Smelter site, the Everett Housing Authority (EHA), *have amended a proposed Consent Decree to implement cleanup work* at the site. The consent decree addresses EHA's

liability within the Fenced Area where the most contaminated soil in the area is located. This agreement specifies and limits EHA's liability for known contamination from smelter activity with respect to the property it purchases. This agreement does not relieve Asarco of any responsibility at the Everett Smelter site.

This consent decree underwent public comment from April 22 through May 21, 2004, and has been substantially changed since the public comment period was held. The change further limits EHA's environmental liability by providing that EHA will not be liable for required soil, ground water, and surface water monitoring, or additional cleanup that may be required as a result of that monitoring, for areas outside of the Fenced Area.

This approximately 600-acre site is contaminated by arsenic, lead, and other metals. The contamination was caused by emissions from the Everett Smelter and by material left behind when the smelter was demolished.

The draft Prospective Purchaser Consent Decree, which includes a restrictive covenant and Public Participation Plan as exhibits, is available for review at the following locations:

- Everett Public Library, 2702 Hoyt Ave., Everett
- Asarco Information Center, 545 Hawthorne Street, Everett (Call 425/259-0822 for hours)
- Ecology's web site: [http://www.ecy.wa.gov/programs/tcp/sites/asarco/es\\_main.html](http://www.ecy.wa.gov/programs/tcp/sites/asarco/es_main.html)
- WA Department of Ecology, NW Regional Office, 3190 160th Avenue SE, Bellevue, WA 98008 (Call 425/649-7190 for an appointment)

A public hearing will be held on July 7, 2004, 7:00-9:00pm:

Jackson Conference Room, Jackson Hall  
Everett Community College  
2000 Tower Street  
Everett, WA

For more information or to submit written comments, please contact David L. South, Site Manager, at the Ecology address listed above or at (425) 649-7200, e-mail [dsou461@ecy.wa.gov](mailto:dsou461@ecy.wa.gov).

☛ **Public comment period: 6/16/04 - 7/15/04**

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## **☐ Interim Remedial Action/ SEPA Determination of Non-Significance for Brewster School District, Brewster, Washington**

The Washington State Department of Ecology (Ecology) is providing an opportunity for the public to comment on the Interim Remedial Action Plan and the issuance of a Determination of Nonsignificance (DNS) for the Interim Cleanup Action at Brewster School District, Brewster, Washington.

Two undeveloped areas within the Brewster School District are contaminated with lead/arsenic contamination deposited during construction of the elementary school and orchard pest spraying in the early 20th century. The site assessment included sampling and analysis of surface soils. Results from that sampling indicate that surface soils are contaminated with lead and arsenic exceeding state cleanup levels. Several alternatives for an interim action were considered.

Based on the site assessment and interim action plan developed, Ecology has determined that the preferred alternative, a cover system including soil, gravel, or asphalt, will provide the necessary barrier to prevent human exposure to the contaminants. The plan includes irrigation system installation to maintain the turf grass cover and a restrictive covenant placed on the deed to prevent unauthorized digging.

Please address any written comments or questions you may have regarding technical issues to:

**Norm Hepner**

Toxics Cleanup Program  
Ecology Central Regional Office  
15 W Yakima Ave., Suite 200  
Yakima, WA 98902  
(509) 457-7127  
[nhep461@ecy.wa.gov](mailto:nhep461@ecy.wa.gov)

**Documents are available for public review at:**

Ecology Central Regional Office  
15 W Yakima Ave., Suite 200  
Yakima, WA 98902

For other questions or to be placed on the site mailing list, please contact:

Para asistencia bilingue, favor de hablar a:

**Antonio Valero**

Toxics Cleanup Program  
Ecology Central Regional Office  
15 W Yakima Ave., Suite 200  
Yakima, WA 98902  
(509) 454-7840  
[aval461@ecy.wa.gov](mailto:aval461@ecy.wa.gov)

Brewster School District Administration Building  
503 S 7th St  
Brewster, WA 98812

☛ **Public comment period:** 6/17/04 - 7/17/04

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**☐ Draft Dangerous Waste Management Facility Permit And Agreed Orders to Fulfill Corrective Action – Reichhold Facility 3320 Lincoln Avenue, Tacoma Washington 98421 ID Number WAD009252891**

Ecology is proposing to issue a draft permit for corrective action (i.e. cleanup) of the former Reichhold Chemical Plant site. The Environmental Protection Agency and Ecology have determined that Ecology will not issue comprehensive corrective action permits for facilities. Instead, Model Toxics Control Act (MTCA) orders will be used to satisfy corrective action requirements. The draft permit for corrective action is a shell permit, which incorporates by reference, a MTCA corrective action order, and a corrective action management unit (CAMU) order for the cleanup of contaminated soils and ground water at the site. The CAMU is an area of the site used only for managing cleanup wastes generated by corrective action at the facility. It will facilitate the cleanup of the soils at the site by allowing the use of bio-remediation in soil treatment cells.

The cleanup work will involve the development of soil, ground and surface water cleanup levels, the continued excavation and treatment of soils contaminated with chlorinated phenolic compounds, and feasibility studies to develop treatment alternatives for PCB contaminated soils. Ground water cleanup will consist of the installation of additional monitoring wells to monitor plumes of contaminated ground water, the phase-out of off-site extraction wells and feasibility studies of in-situ treatment of chlorinated phenolic compounds.

The draft permit, agreed orders, SEPA DNS and supporting documentation are available for review at the following locations:

- [www.ecy.wa.gov/programs/tcp/sites/sites\\_information.html](http://www.ecy.wa.gov/programs/tcp/sites/sites_information.html) (Then click Thurston County)
- [www.ecy.wa.gov](http://www.ecy.wa.gov) (Then click on "Public Events Calendar")
- Washington Department of Ecology, Southwest Regional Office, 300 Desmond Drive SE, P.O. Box 47775 Olympia, WA 98504-7775
- Tacoma Public Library-Main Branch, Special Collections, 1102 Tacoma Avenue South, Tacoma, WA 98402-2006 (253) 591-56 66
- Tacoma Public Library-Kobetich Branch, 212 Browns Point Blvd. N.E. Tacoma, WA 98422-2503 (253) 591-5630

For more information or to submit written comments, please contact Stan Leja, Site Manager at (360) 407-6345, or e-mail to [slej461@ecy.wa.gov](mailto:slej461@ecy.wa.gov).

☛ **Public comment period:** 5/24/04 - 7/7/04

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## ☐ **Request For Modification of Waste Analysis Plan by Noveon Kalama**

Noveon Kalama has submitted a Class 1 and a Class 2 Permit Modification request.

The Class 1 Permit Modification Request (PMR) seeks to modify the permit for the treatment of hazardous waste (WAD092899574). This request was submitted to the Environmental Protection Agency (EPA) on April 30, 2004. Since this Class 1 Permit is for minor changes only, it does not require a public meeting or comment period.

The Class 2 Modification Request (WAD092899574) was submitted to EPA May 18, 2004. This PMR proposes to modify the Waste Analysis Plan to allow for the use of statistically determined Upper Tolerance Limits (UTLs) as an alternative to additional waste stream analyses. Based on actual measurement results, UTLs are established using EPA-approved methods as a conservative estimate of the upper limit for the concentration of a constituent in a hazardous waste stream. The UTL is established such that, with 95% confidence, 95% of measured waster stream constituent concentrations would be less than the UTL.

The Class 2 Modification Request would also allow for the upgrade of the distributed control system, changing plant emergency horn checks from weekly to monthly, and the addition of two new waste codes: F005 (Toluene as a solvent) and WT02 (State only dangerous waste). Kalama has previously been given approval to burn toluene separately.

The PMR is available for review during regular business hours at the following locations:

- Kalama Public Library, 312 North First St., Kalama, WA 98625
- Kelso Public Library, 314 Academy, Kelso, WA 98626
- Ecology, Southwest Regional Office Records Center, 300 Desmond Dr., Lacey, WA 98503

For more information, please contact Mr. Bill Castleberry at Noveon Kalama (360) 673-0337.

To submit written comments, please contact Ms. Catherine Massimino, U.S. EPA, Region 10, 1200 Sixth Avenue, Seattle, WA 98001 Fax: (206) 553-8509.

☛ **Public comment period: 5/21/04 - 8/3/04**

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## ☐ **Potentially Liable Person / ASARCO**

-ASARCO named Potentially Liable Person; Extended Footprint Study early data results from Kitsap and Thurston Counties.

Ecology named ASARCO the Potentially Liable Person on May 12, 2004, with regard to widespread low-level arsenic and lead soil contamination. The affected area covers at least 500 square miles of the Puget Sound Basin.

Since 1999, the Department of Ecology (Ecology) and the local health departments in King and Pierce Counties have been studying the soil pollution that came from the Asarco smelter smokestack. The air pollution that came out of the smokestack traveled with the wind and settled consistently within the wind rose (see maps and numerous study results at the website below). Levels of arsenic and lead found in soils decrease with distance from the smelter.

To find out how far the soil pollution extends, Ecology has teamed up with the local health departments in King, Kitsap, Pierce, and Thurston counties to plan a final study - the Extended Footprint Study.

As of June 2004, Pierce and Kitsap counties have completed sampling at nearly half of the proposed sampling locations in those counties. Researchers found arsenic and lead at relatively low levels in Kitsap County and in a not-yet studied portion of Pierce County. The results are consistent with the pattern of contamination seen in the previous studies.

Sampling in Pierce and Kitsap counties should be completed by late summer. Sampling is just underway in King County, and will begin shortly in Thurston County. The final footprint study report is expected by early 2005.

To obtain copies of studies to date, and for information on an extensive soils safety outreach program, contact Molly Gibbs (360) 407-6179 (Please call for appointment) at Department of Ecology's SW Regional Office, 300 Desmond Dr., Olympia, WA 98506  
Or visit Ecology's website at: [http://www.ecy.wa.gov/programs/tcp/sites/tacoma\\_smelter/ts\\_hp.htm](http://www.ecy.wa.gov/programs/tcp/sites/tacoma_smelter/ts_hp.htm)

## **❑ Ecology Issued An Opinion Letter For Soils Remediation At The Prudential Steel Voluntary Cleanup Site In Longview, Washington On April 12, 2004.**

The opinion letter stated that Ecology has reviewed the "Additional Excavation and Groundwater Monitoring Report, PNG Environmental, Inc., January 20, 2004", and that Ecology has determined that soils around the former lacquer/hydraulic equipment area were remediated in compliance with the Model Toxics Control Act. Groundwater monitoring will continue on this site until contaminants in groundwater fall below regulatory levels.

For more information, please contact Joyce Mercuri at (360) 407-6260 or [jmer461@ecy.wa.gov](mailto:jmer461@ecy.wa.gov).

## **❑ Ecology's Toxics Cleanup Program Makes Policy and Procedure Changes**

Below is a table of Toxics Cleanup Program (TCP) policies, procedures and implementation memos that have been updated or are newly created. A description of each document, the document number, description of the document contents and the action taken are included.

<b>TCP Policy (POL) Number</b>	<b>Title</b>	<b>Description</b>	<b>Change</b>	<b>Contact for Copies</b>
POL 300	Site Discovery – Release Reporting	This policy provides guidance on the types of releases that should be reported under WAC 173-340-300 and the procedures for reporting such releases.	Updated	Carol Dorn (360) 407-7224
POL 101	Site Discovery – Release Reporting	This policy provided guidance on the types of releases that should be reported under WAC 173-340-300 and the procedures for reporting such releases.	Deleted and incorporated into POL 300	Not applicable
POL 102	Reporting Independent Cleanups	This policy provided guidance on which independent actions Ecology expected to be reported under WAC 173-340-300, site discovery and reporting.	Deleted and incorporated into POL 300	Not applicable

<b>TCP Policy (POL) Number</b>	<b>Title</b>	<b>Description</b>	<b>Change</b>	<b>Contact for Copies</b>
POL540A	Enforcement	This policy applies whenever the department intends to issue Model Toxics Control Act orders requiring a potentially liable person to provide remedial action, or pay for cleanup costs or natural resource damage assessments. This policy is intended to supplement requirements specified in statute and rule.	Updated	Carol Dorn (360) 407-7224

<b>TCP Procedure (PRO) Number</b>	<b>Title</b>	<b>Description</b>	<b>Change</b>	<b>Contact for Copies</b>
PRO 320	Site Hazard Assessment and Ranking of Model Toxics Control Act (MTCA) Sites By Ecology Staff	This procedure applies to Ecology staff responsible for actions taken to conduct a site hazard assessment and rank the site using the Washington Ranking Method.	Updated	Carol Dorn (360) 407-7224
PRO 321	Site Hazard Assessment of Model Toxics Control Act (MTCA) Sites By Local Health Districts/Departments For Ranking Under Washington Ranking Method	This procedure applies to Ecology staff and local health district/department site hazard assessors responsible for conducting site hazard assessments under the MTCA.	Updated	Carol Dorn (360) 407-7224
<b>TCP Implementation Memo Number</b>	<b>Title</b>	<b>Description</b>	<b>Change</b>	<b>Contact for Copies</b>
Implementation Memo #4 04-09-086	Determining Compliance with Method A Cleanup Levels for Diesel and Heavy Oil	The purpose of this memo is to describe the actions necessary for determining the petroleum products within a soil or water sample when the petroleum products are unknown and/or when multiple types of petroleum products are suspected to be present.	New	Carol Dorn (360) 407-7224
Implementation Memo #5 04-09-087	Collecting and Preparing Soil Samples for VOC Analysis	The purpose of this memo is to provide technical guidance regarding implementation of the U.S. Environmental Protection Agency Method 5035A. This is the method setting the requirements and procedures for the collection and preparation of soil samples for volatile organic compound analysis.	New	Carol Dorn (360) 407-7224

## ❑ Voluntary Cleanup Program

*Through its Voluntary Cleanup Program, Ecology provides services to individuals cleaning up contaminated sites. For a fee, Ecology staff will review an independent cleanup report(s) and provide a written decision about the adequacy of the cleanup actions taken and described in the report. Upon a satisfactory review, a site (or just that phase of the cleanup) may receive a “No Further Action” decision from Ecology.*

### Reports Reviewed/Decisions Rendered:

#### **King County**

Blake Street Property  
1463 3rd St.  
Enumclaw, WA 98022  
Decision: Further Action

Lake City Site  
3300 NE 125th St.  
Seattle, WA 98125  
Decision: Withdrawn

Roland D. Nelson Nelsons Chevron  
1140 N 175th St.  
Seattle, WA 98133-4902  
Decision: No Further Action

Texaco Station 632320049  
5500 15th NW  
Seattle, WA 98107-5201  
Decision: Interim No Further Action



Everclean Inc. DBA Gas N Wash  
551 S Michigan St.  
Seattle, WA 98108  
Decision: No Further Action

Ballard Auto Wrecking Former  
1515 NW Leary Way  
Seattle WA 98107  
Decision: No Further Action

### **Kitsap County**

Kitsap Tire Center Inc.  
20245 Viking Way NW  
Poulsbo WA 98370  
Decision: Opinion Letter

Chevron 95166  
4399 Kitsap Way  
Bremerton, WA 98312  
Decision: No Further Action

### **Whatcom County**

Exxon Mobil Oil Corp.  
908 10th St.  
Bellingham WA 98225  
Decision: Ranked, No Further Action

### **Yakima County**

Qwest Corp W00268  
71 W Arlington St.  
Yakima, WA 98901  
Decision: Further Action

Hi Country Foods Corp.  
1 Railroad Ave.  
Selah, WA 98942-0338  
Decision: Opinion Letter

### **New Voluntary Applications Received:**

#### ***Clallam County***

Sequim Bay General Store  
269421 Hwy 101 E  
Sequim, WA 98382  
Request Received 6/22/04  
Site Status: Independent Remedial Action

### **Franklin County**

Family Mart  
508 N 4th Ave.  
Pasco, WA 99301  
Request Received 6/28/04  
Site Status: Independent Remedial Action

### **King County**

Velocity Investments Inc Arco No 5375  
6966 Coal Creek Pkwy SE  
Renton, WA 98056  
Request Received 6/10/04  
Site Status: Independent Remedial Action

Lake City Site  
3300 NE 125th St.  
Seattle, WA 98125  
Request Received 6/14/04  
Site Status: Independent Remedial Action

USE Reddaway Inc. Kent  
6250 S 228th St.  
Kent, WA 98032-1809  
Request Received 6/17/04  
Site Status: Independent Remedial Action

Unocal Sta. 3774 Former  
3295 Avalon Way SW  
Seattle, WA 98126-2606  
Request Received 6/23/04  
Site Status: Independent Remedial Action

Former V & J Inc. Sand & Gravel Borrow Pi  
NE Corner S. 200th St. & Orillia Rd S.  
Unincorporated King County, WA 98032  
Request Received 6/28/04  
Site Status: Independent Remedial Action

### **Kitsap County**

Bainbridge Cleaners  
310 Madison Ave S.  
Bainbridge Island, WA 98110-0000  
Request Received 6/22/04  
Site Status: Independent Remedial Action

### **Lewis County**

Cascade Hardwood  
156 Ribelin Rd.  
Chehalis, WA 98532-8718  
Request Received 6/28/04  
Site Status: Independent Remedial Action



**Skagit County**

Gull Industries Inc. 294  
110 W Rio Vista  
Burlington, WA 98233-0687  
Request Received 6/21/04  
Site Status: Independent Remedial Action

TESORO Refining & Marketing Co. Blaine  
530 Peace Portal Dr.  
Blaine, WA 98230-9264  
Request Received 6/23/04  
Site Status: Independent Remedial Action

**Whatcom County**

Alaska Packers Assoc.  
9550 Semiahmoo Pkwy.  
Blaine, WA 98230  
Request Received 6/22/04  
Site Status: Independent Remedial Action

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